

WHAT IS CLAIMED IS:

1. A system that supports a document-centered discussion among heterogeneous display devices comprising:
  - an invitation storage memory that stores invitation information
  - 5 regarding invitations to discuss a document;
  - a view storage memory that stores view information for each active discussion;
  - a controller that controls the invitation storage memory and the view storage memory to specify invitation information for at least one user specifying view
  - 10 information for an accepted invitation stored in the view storage memory.
2. The system of claim 1, further comprising a user contact storage memory that stores user contact information, and wherein the invitation information stored in the invitation storage memory for at least one invitation includes information from the user contact storage memory.
- 15 3. The system of claim 2, wherein each user contact entry of the user contact storage memory includes at least one of a user identifier and a device identifier.
4. A method for supporting document-centered discussion among heterogeneous display devices, comprising:
  - 20 entering invitation information to a discussion into an invitation store;
  - identifying invitees to the discussion based on the invitation information in the invitation store;
  - determining invitation acceptance and for accepted invitation, entering invitee specific information and invitation information into a view store;
  - 25 updating invitee view information based on in the current focus of attention;
  - viewing information for the invitee based on context information of the inviter.
5. The method of claim 4, further comprising displaying the document
- 30 based on stored user information.

6. The of claim 5, further comprising displaying the document using at least one of a device type, a device identifier and a display capability from a user contact information store.

7. A method for transferring user discussion messages comprising the  
5 steps of:

receiving a message;

determining if a message is a discussion message;

entering the discussion message into a communication queue;

10 if messages are to be removed from the queue, removing discussion messages from the queue first and removing non-discussion messages after all discussion messages have been removed.

8. The method of claim 7, where the discussion message is at least one of a view information update message, an invitation message and an invitation update  
15 message